
USAID/OFDA Assistance to Ecuador: 1992-2002

November 2002: El Reventador Volcano Eruption

\$50,000 Relief Supplies

To provide immediate assistance to the most vulnerable populations in the provinces of Napo, Sucumbios, and Pinchincha. Assistance will include the provision of food, water and relief supplies. The assistance itself will be distributed through the Ecuadorian Red Cross, PAHO and a local NGO.

\$12,500 Seismic monitoring equipment

Through an OFDA PASA with USGS/VDAP a modest amount of monitoring equipment was donated to the Instituto Geofisico for installation at Reventador during the current eruption. The equipment includes the following:

Field seismic station
3-component seismic jug and cable
VHF telemetry radios and McVCO voltage control oscillator
Sealed electronics box with sealed cable fittings and lightning protection
Antenna and solar panel with voltage regulator
Impact resistant white vinyl trunk to hold electronics and batteries
All necessary cables and connectors
Value of this package: US\$7,500

Field telemetry repeater station
Repeater electronics unit
VHF telemetry radios
Sealed electronics box with sealed cable fittings and lightning protection
Antenna and solar panel with voltage regulator
Impact resistant white vinyl trunk to hold electronics and batteries
All necessary cables and connectors
Value of this package: US\$5,000

January 2002: Cotopaxi Volcano

\$130,000 Technical Assistance and Volcano monitoring equipment

Through an OFDA PASA with USGS/VDAP the Instituto Geofísico (IG), asked the Volcano Disaster Assistance Program (VDAP) to send a team of scientists to Ecuador to assist them in dealing with unrest at Cotopaxi Volcano. The VDAP team shipped 19 boxes of volcano monitoring equipment to the IG through the US Embassy in Quito

VDAP through their PASA agreement funded by OFDA provided the Instituto Geofísico with monitoring equipment from the VDAP cache worth approximately \$100,000. Travel and per diem costs for the team of scientists to travel to Ecuador cost approximately \$40K.

September 2001 Tungurahua Volcano

\$14,000 Monitoring of Tunguarhua volcano

OFDA provided assistance to the Instituto Geofísico de la Politécnica Nacional to permit monitoring of Tungurahua volcanic activity.

January 2001 Galapagos Spill

\$25,000 Jessica's Oil Spill in the Galapagos

Assistance to the Galapagos National Park due to the grounding of tanker Jessica and resultant spill of tons of thousands of gallons of bunker and diesel fuel. Support was provided to deal with human health threats to residents in the Galapagos associated with clean-up operations.

December 1999 Tungurahua Volcano

\$25,000 Emergency economic and emotional support for vulnerable families affected by the Tungurahua volcanic emergency in Ecuador

Through Catholic Relief Services (CRS) OFDA provided assistance to the poorest persons evacuated from the high risk areas in reactivating their economic conditions and recover emotionally by initiating productive activities and providing occupational therapy.

October 1999 Guagua Pichincha and Tungurahua volcanoes

\$25,000 Monitoring of Guagua Pichincha and Tungurahua volcanoes.

U.S assistance through the Instituto Geofísico del Ecuador and the volcanologist of VDAT for the monitoring of Tunquarhua and Guagua Pichincha volcanoes.

May 1998: El Nino

1. Technical Assistance provided by OFDA/LAC in Ecuador.

Mike Hacker, Mission ENSO Coordinator, 12/xx – 4/xx

Patricio Maldonado, Mission ENSO Coordinator

Juan Pablo Sarmiento, OFDA/LAC Regional ENSO Coordinator

Rene Carrillo, OFDA/LAC Regional Advisor

2 days

Alejandro James, OFDA/LAC Regional Advisor, 11/11-15/97

4 days

2.

- **\$25,000 disaster declaration:** used for the local purchase of chlorine for water treatment and for repairing water filtration and delivery systems
- **\$50,000** – used for disaster assessments, the local purchase of chlorine, and transport and installation of water purification equipment to provide potable water for up to 200 communities
- **unspecified amount for airlift of OFDA supplies (water jugs and bladders)**

\$25,000 **Relief Supplies**

To provide immediate relief assistance to the victims of flooding in ten provinces throughout Ecuador.

April 1996: Earthquake

\$25,000 **Relief Supplies**

To provide immediate assistance to the victims of recent earthquakes and subsequent landslides in COTOPAXI, TUNGURAHUA and PASTAZA provinces.

\$110,000 **OFDA Commodities**

OFDA delivered 190 rolls of Plastic Sheeting, 1,500 five gallon water bladders, and 9,000 wool blankets to Civil Defense to distribute victims of the earthquake.

April 1993: Landslides-Cuenca-Paute Emergency

\$25,000 Relief Supplies

To provide immediate assistance to the victims of the Paute emergency
OFDA Commodities

OFDA delivered 600 tents to Civil Defense to distribute victims of the Paute emergency .
